



# The University of Alaska Fairbanks

## ENVIRONMENTAL AND MOLECULAR TOXICOLOGY FACULTY POSITION

**The University of Alaska Fairbanks** invites applications for a tenure-track faculty position in Environmental and Molecular Toxicology at the full or associate professor level.

The University of Alaska is establishing a program in molecular toxicology as part of its BRIN (Biomedical Research Infrastructure Network) program supported through a grant from the National Center for Research Resources (of the National Institutes of Health). Five faculty positions are funded, two at the Anchorage campus and three in Fairbanks. A sixth faculty member will be the BRIN faculty member of a new Bioinformatics Program that includes four total faculty and associations with the Arctic Region Supercomputing Center and the Institute for Systems Biology.

In the current search, we seek a researcher who will provide leadership and mentoring for junior hires as well as an interest in coordinating a strong biomedical program in toxicology. We seek applicants in all areas of environmental and molecular toxicology but are particularly interested in individuals who pursue molecular and biochemical approaches and who may have an interest in the toxicology of subsistence species. We offer a competitive start-up package for all BRIN faculty hires, newly renovated space and/or space in new facilities. Applicants for this position must have a funded R01 or equivalent research grant.

This position is joint between the Institute of Arctic Biology (IAB) and the Department of Biology and Wildlife (B&W). Tenure resides within the department, which is part of the College of Science, Engineering and Mathematics. Tenure-track faculty are expected to teach and advise graduate and undergraduate students. IAB emphasizes research on life sciences at high latitudes including ecosystems, wildlife biology, physiological and biomedical sciences, and cellular and molecular biology. IAB and B&W currently have 30 faculty and 20 resident Research Associates (please see <http://mercury.bio.uaf.edu/index.html>).

To apply, send a letter of application, curriculum vitae, statements of research plans, and teaching philosophy, and arrange for at least three supporting letters to be submitted to UAF Human Resources c/o Gerry Plumley, P.O. Box 757860, Fairbanks, AK 99775-7860. Fax: 907-474-1528. Review of applications will continue until the position is filled. A signed UAF applicant form must be submitted before any candidate can be considered. The form can be downloaded from [http://www.alaska.edu/hr/application/applicant\\_form.pdf](http://www.alaska.edu/hr/application/applicant_form.pdf). Inquiries could be emailed to [fffgp@uaf.edu](mailto:fffgp@uaf.edu).

THE UNIVERSITY OF ALASKA IS AN EEO/AA EMPLOYER AND EDUCATIONAL INSTITUTION. Persons hired by UA must comply with the provisions of the Immigration Act of 1990 and are expected to possess a valid social security number. Your application for employment with the University of Alaska is subject to public disclosure under the Alaska Public Records Act. Women and minorities are encouraged to apply. Applicants needing reasonable accommodation to participate in the application and screening process should contact the Assistant Director at 474-6259.

## POSTDOCTORAL POSITIONS

# MOLECULAR AND ENVIRONMENTAL TOXICOLOGY

UNIVERSITY OF WISCONSIN-MADISON

Postdoctoral Positions available in molecular, cellular, and biochemical toxicology, funded by an NIEHS training grant. Topic areas include: regulation of gene expression (toxicant metabolizing enzymes, oncogenes, DNA repair enzymes); toxicant activation; toxicity in developing organisms; mechanisms of carcinogenesis; action of toxicants on liver, kidney, gonadal, and immune cells. Time will be allocated for training in toxicology and molecular and cellular biology as appropriate. Collaborative projects involving more than one laboratory are encouraged.

Applicants must be U.S. citizens or permanent residents and should send a curriculum vitae, three references (addresses/telephone), and a letter stating research interests to:

B. Lynn Allen-Hoffmann, Director  
Molecular and Environmental Toxicology Center  
290 Enzyme Institute 1710 University Ave.,  
Madison, WI 53726-4087.  
Phone: (608) 263-4580.  
Fax: (608) 262-5245.  
Email: uwetox@facstaff.wisc.edu.

An Equal Opportunity Employer.

# Professor and Chair

Department of Environmental Health Sciences  
Tulane University School of Public Health and Tropical Medicine

The Tulane University School of Public Health and Tropical Medicine seeks qualified candidates for the Chair of the Department of Environmental Health Sciences. The Department, comprised of 22 resident faculty and more than 100 graduate students, has research, teaching and service interests in the areas of environmental toxicology, hazardous waste management, industrial hygiene, risk assessment, water quality management, environmental policy and management, and environmental health for developing countries. Joint degree programs in environmental health sciences are also offered with the Schools of Medicine, Engineering, Law, and Business.

Candidates for the position must have a Ph.D., Dr.P.H., Sc.D., or M.D. degree. The successful candidate is expected to be a nationally recognized investigator in one or more of the areas noted above, with an extramural-funded research program, excellent managerial and communication skills and a record of collaboration in both University and industry.

Candidates may apply by submitting a letter outlining current interests and relevant experience, a curriculum vitae and the names of three references. The search committee will begin screening applicants immediately and continue until the position is filled.

Applications should be sent to: Judith Overall, JD, Chair, Search Committee, Dean's Office - TW13, Tulane University School of Public Health and Tropical Medicine, 1440 Canal Street, Suite 2340, New Orleans, LA 70112.

Tulane University is an equal opportunity/affirmative action employer and encourages women and minorities to apply.

# NIEHS Division of Intramural Research

## Neurodevelopment Biology (HNV03-07)

The NIEHS, a major research component of the National Institutes of Health and the Department of Health and Human Services, is recruiting for a postdoctoral scientist to study the role of a novel transcription factor in mouse brain development. Emphasis will be placed on studies that attempt to determine the molecular mechanisms and inducing signals responsible for the normal developmental pattern of expression of this transcription factor in the brain, as well as the identification of downstream genes whose patterns of expression are directly affected by this transcription factor. Applicants should possess a PhD degree in molecular biology, cell biology, or biochemistry, and have less than five years of relevant postdoctoral experience. Prior experience in developmental neurobiology is preferred but not necessary. Salary will be commensurate with experience.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Darryl C. Zeldin, Division of Intramural Research, MD D2-01, 919-541-1169, fax: 919-541-4133, e-mail: zeldin@niehs.nih.gov, or Perry J. Blackshear, Division of Intramural Research, MD D2-01, 919-541-4899, fax: 919-541-4571, black009@niehs.nih.gov

# NIEHS Epidemiology Branch

## Risk Factors and Symptomatology of Uterine Leiomyomas (HNV02-22)

A postdoctoral fellowship is available to study the risk factors and symptomatology of uterine leiomyomas. Will participate in the design and conduct of field studies and the analysis of data from a variety of ongoing and completed studies. Protected time will be provided in order for the fellow to develop a track record of publication in peer-reviewed journals.

Applicants must have a Ph.D. in epidemiology and/or M.D. plus experience or training in epidemiology (M.P.H. or equivalent) and must not possess more than five years of postdoctoral experience. Applications will be considered from doctoral students who are close to completing their degree requirements. To apply, submit a cover letter, curriculum vitae, bibliography, brief statement of research interests, copies of one or two recent publications or abstracts, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Paula Juras, Epidemiology Branch, MD A3-05, 919-541-3478, fax: 919-541-2511, e-mail: juras@niehs.nih.gov

# UNIVERSITY OF ROCHESTER

## School of Medicine and Dentistry

### Faculty Positions in Molecular Toxicology and Environmental Medicine

Applications are invited for two tenure-track faculty positions, one at the **Professor** level and one at the **Assistant/Associate Professor** level, in the Department of Environmental Medicine. We seek outstanding individuals with a strong commitment to excellence in research, scholarship, and teaching. The Department of Environmental Medicine hosts an NIEHS Environmental Health Sciences Center of Excellence, an EPA Particulate Matter Center, and an NIEHS Toxicology Graduate Training Program (<http://www2.envmed.rochester.edu/envmed/index.html>). Faculty members are expected to maintain vigorous, creative, and independent research programs, and the individual in the full Professor position is expected to assume specific leadership roles within the NIEHS Center and Department.

We are especially interested in applicants that apply cutting-edge approaches to fundamental questions in neurotoxicology, although exceptional candidates working in other areas are also encouraged to apply. The successful candidate will join a highly interactive faculty with research interests in neurotoxicology, pulmonary and developmental toxicology, osteotoxicology, immunotoxicology, and the molecular biology of xenobiotic receptors and transporters. Competitive salary, start-up packages and access to the many Facility Cores of the NIEHS Center and the Medical Center are provided. The University of Rochester Medical Center is undergoing a major expansion of its research facilities and infrastructure, with an emphasis on the areas of neuroscience, aging and developmental biology, cardiovascular research, environmental medicine, and genetics.

Applicants should send a CV, a statement of research interests including future plans, and the names of 3-5 references to: **Dr. Ned Ballatori, Search Committee Chair, Department of Environmental Medicine, University of Rochester School of Medicine, 575 Elmwood Avenue, Box EHSC, Rochester, NY 14642** ([Ned\\_Ballatori@urmc.rochester.edu](mailto:Ned_Ballatori@urmc.rochester.edu)). *The University of Rochester is an Equal Opportunity*

#### NIEHS Inositol Signaling Group

##### Cell Signaling by Inositol Phosphates (HNV02-25)

Through interactions with chloride channels, inositol 3,4,5,6-tetrakisphosphate regulates release of insulin and neurotransmitters, and also controls salt and fluid secretion. Inositol phosphates with seven and eight phosphate groups regulate vesicle traffic and mediate responses to environmental stress. We have a vacancy for an enthusiastic and dedicated postdoc with an interest in pursuing the molecular and cellular mechanisms underlying signaling by these inositol phosphates. It would be advantageous if applicants had knowledge and experience in one or more of the following areas: transfection of mammalian cells, RNAi, bacterial and/or insect protein expression systems, protein purification methods, and confocal imaging. Position is available Jan/Feb 2003, but a later start date is negotiable. Additional information and recent publications can be viewed at <http://dir.niehs.nih.gov/dirlst/groups/shears.htm>.

Applicants must not possess more than five years of postdoctoral experience. To apply, submit a cover letter, curriculum vitae, bibliography, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

**Contact:** Stephen Shears, Inositol Signaling Group, F2-06, 919-541-0793, fax: 919-541-0559, e-mail: [shears@niehs.nih.gov](mailto:shears@niehs.nih.gov)

#### NIEHS Epidemiology Branch

##### Molecular Epidemiology (HNV02-20)

A postdoctoral fellowship is available in molecular epidemiology to combine interdisciplinary training in epidemiology, bench studies of functional measures of DNA repair and the application of emerging technologies in proteomics to epidemiological cancer studies. Protected time will be provided in order for the fellow to develop a track record of publication in peer-reviewed journals.

Applicants must have a PhD in epidemiology and/or MD plus experience or training in epidemiology (MPH or equivalent) and must not possess more than five years of postdoctoral experience. Applications will be considered from doctoral students who are close to completing their degree requirements. To apply, submit a cover letter, curriculum vitae, bibliography, brief statement of research interests, copies of one or two recent publications or abstracts and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

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#### NIEHS Epidemiology Branch

##### Effects of Toxicants on Reproduction and Children (HNV02-19)

A postdoctoral fellowship is available to study the effects of persistent exposure to toxic substances on reproductive and child health. Will participate in the design and conduct of field studies and the analysis of data from a variety of ongoing and completed studies. Protected time will be provided in order for the fellow to develop a track record of publication in peer-reviewed journals.

Applicants must have a Ph.D. in epidemiology and/or M.D. plus experience or training in epidemiology (M.P.H. or equivalent) and must not possess more than five years of postdoctoral experience. Applications will be considered from doctoral students who are close to completing their degree requirements. To apply, submit a cover letter, curriculum vitae, bibliography, brief statement of research interests, copies of one or two recent publications or abstracts, and names of three references to the hiring scientist at the corresponding laboratory and mail drop in care of NIEHS, PO Box 12233, Research Triangle Park, NC 27709 USA. The cover letter should include the position title and HNV number. The NIEHS is an equal opportunity employer.

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